

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	75	382/141-152.ccls. and (defect error scratch short) near5 (shape) same (classification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:13
L2	14	382/141-152.ccls. and (classif\$7) with (color) with result	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:13
L3	156	382/141-152.ccls. and ((defect error) near2 (position location) near2 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:13
L4	120	382/141-152.ccls. and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:13
L5	7	382/141-152.ccls. and (polar near2 coordinate) with defect \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:14
L6	15	382/181-231.ccls. and (voted voting vote) and (bisect\$4 intersect \$4) near2 (line segment) near2 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/28 19:14

S1	2	"5982920".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:19
S2	2	"20040064269".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 17:38
S3	37	("4500789"   "4999785"   "5129009"   "5256578"   "5479252"   "5539752").PN. OR ("5982920").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 22:05
S4	865	382/141-152.ccls. and ((defect error) near2 (position location))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 22:38
S5	101	382/141-152.ccls. and ((defect error) near2 (position location) near2 (coordinate))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 22:13
S6	101	382/141-152.ccls. and ((defect error) near2 (position location) near2 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 22:14
S7	131	382/141-152.ccls. and ((defect error) near3 (position location) near3 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 22:16
S8	866	382/141-152.ccls. and ((defect error) near2 (position location))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 22:22
S9	2	"5982920".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 22:22

S10	773	382/141-152.ccls. and ((defect error) near2 (position location)) and (repeat near3 defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 23:29
S11	11	382/141-152.ccls. and ((defect error) near2 (position location)) and (repeat near3 defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 22:38
S12	37	("4500789"   "4999785"   "5129009"   "5256578"   "5479252"   "5539752").PN. OR ("5982920").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 22:58
S13	11	382/141-152.ccls. and display\$4 with (classif \$7) with (color)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 23:32
S14	0	382/141-152.ccls. and catagor\$4 with (classif \$7) with (color)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 23:33
S15	94	382/141-152.ccls. and (classif\$7) with (color)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 23:33
S16	94	382/141-152.ccls. and (classif\$7) with (color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 23:42
S17	8	382/141-152.ccls. and (classif\$7) with (color) with result	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 23:43
S18	8	382/141-152.ccls. and (classif\$7) with (color) with result	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:33
S19	91	display\$4 with (classif \$7) with (color) with result	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 17:04

S20	6	display\$4 with (classif \$7) with (color) with result and (defect near detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 17:04
S21	78	382/141-152.ccls. and polar near2 coordinate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:33
S22	78	382/141-152.ccls. and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:28
S23	4	382/141-152.ccls. and (polar near2 coordinate) with defect \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 20:57
S24	109	382/141-152.ccls. and (polar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 20:57
S25	31	382/141-152.ccls. and (polar) not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 20:57
S26	40	(hisae near shibuya). inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:21
S27	1	(hisae near shibuya). inv. and polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:21

S28	2	(yuji near takagi).inv. and polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:21
S29	7	("5479252"   "5943437"   "5982920"   "6317859").PN. OR ("6876445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:30
S30	37	("4500789"   "4999785"   "5129009"   "5256578"   "5479252"   "5539752").PN. OR ("5982920").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:31
S31	0	polar and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:31
S32	37	S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:31
S33	0	S30 and polar	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:31
S34	78	382/141-152.ccls. and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:36
S35	1643	inspect\$4 and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:36
S36	361	inspect\$4 and (polar near2 coordinate) and defect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:38
S37	14	inspect\$4 and (polar near2 coordinate) near4 defect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:38

S38	25	inspect\$4 and (polar near2 coordinate) with defect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:38
S39	66	inspect\$4 and (polar near2 coordinate) same defect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 13:38
S40	13	("4000949"   "4342515"   "4345312"   "4423331"   "4516833"   "4532650"   "4628531"   "4669875"   "4731855"   "4814596"   "4845558"   "5699447"   "5801824").PN. OR ("7016526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 16:51
S41	1922	cartesian near3 polar	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 16:51
S42	0	(cartesian near3 polar) with imate	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 16:52
S43	197	(cartesian near3 polar) with image	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 16:52
S44	7	(cartesian near3 polar) with image with (object defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:07
S45	42	382/141-152.ccls. and (interpolat\$5 extrapolat \$5) with (defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 23:55
S46	14	382/141-152.ccls. and (interpolat\$5 extrapolat \$5) near3 (defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 22:01

S47	7	382/141-152.ccls. and (interpolat\$5 extrapolat \$5) near2 (defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 22:01
S48	0	"10352384".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 22:13
S49	2	"20040146201".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 22:14
S50	368	382/141-152.ccls. and (connect\$4) with (defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 23:55
S51	152	382/141-152.ccls. and (connect\$4) near3 (defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 23:55
S52	65	382/141-152.ccls. and (connect\$4) with (defect\$4) with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 00:28
S53	20	382/141-152.ccls. and voting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 00:28
S54	67	382/141-152.ccls. and (connect\$4) with (defect\$4) with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:06

S55	81	382/141-152.ccls. and polar near2 coordinate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:08
S56	31	382/141-152.ccls. and polar near2 coordinate and cartesian	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:08
S57	31	382/141-152.ccls. and polar near2 coordinate and cartesian	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 17:49
S58	5967	(voted voting) and (weight\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 17:51
S59	294	"382"/\$.ccls. and (voted voting) and (weight\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:01
S60	122	382/181-231.ccls. and (voted voting) and (weight\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:29
S61	208	382/181-231.ccls. and (voted voting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:01
S62	358	(voted voting) and (bisect\$4 intersect\$4) near4 line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:30



S63	376	(voted voting) and (bisect\$4 intersect\$4) near4 (line segment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:34
S64	25	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect foreground circle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:36
S65	178	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect foreground circle point mark)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:36
S66	178	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect circle point mark)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:36
S67	174	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect point mark)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:36
S68	174	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect point mark marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:36
S69	170	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect point marking marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:37
S70	175	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect point mark\$3 marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:37

S71	152	(voted voting) and (bisect\$4 intersect\$4) near4 (line segment) near4 (object defect point mark\$3 marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:37
S72	194	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:37
S73	137	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:30
S74	132	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image not S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 20:22
S75	105	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 20:26
S76	10	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum) and polar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 20:30
S77	105	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 14:48

S78	123	382/141-152.ccls. and ((defect error) near2 (position location) near2 (coordinate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/29 14:28
S79	155	382/141-152.ccls. and ((defect error) near3 (position location) near3 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 14:28
S80	14	382/141-152.ccls. and ((defect error) near2 (position location)) and (repeat near3 defect)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/29 14:28
S81	99	382/141-152.ccls. and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 14:28
S82	157	382/181-231.ccls. and (voted voting) and (weight\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 14:28
S83	206	(voted voting) and (bisect\$4 intersect\$4) near5 (line segment) near5 (object defect point mark\$3 marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 14:28
S84	130	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/29 14:28
S85	2	"5982920".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 00:26

S86	2	"7068834".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 00:29
S87	134	382/141-152.ccls. and ((defect error) near2 (position location) near2 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S88	120	382/141-152.ccls. and (classif\$7) with (color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S89	105	382/141-152.ccls. and (polar near2 coordinate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S90	186	(voted voting) and (bisect\$4 intersect\$4) near4 (line segment) near4 (object defect point mark\$3 marker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S91	177	382/181-231.ccls. and (voted voting) and (weight\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S92	139	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/01 01:07
S93	182	382/141-152.ccls. and ((defect error) near3 (position location) near3 (coordinate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 15:46

S94	4	("5982920" "7068834").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 16:03
S95	4	("5982920" "7068834").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 20:25
S96	129	382/141-152.ccls. and (classif\$7) with (color)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/16 20:27
S97	156	(voted voting vote) and (bisect\$4 intersect \$4) near4 (line segment) near4 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 22:29
S98	84	(voted voting vote) and (bisect\$4 intersect \$4) near2 (line segment) near2 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 22:29
S99	14	382/181-231.ccls. and (voted voting vote) and (bisect\$4 intersect \$4) near2 (line segment) near2 (object defect point mark\$3 marker) and image and (max maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/16 22:29

### EAST Search History (Interference)

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**12/ 28/ 2009 7:16:41 PM**

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